

١٥٦

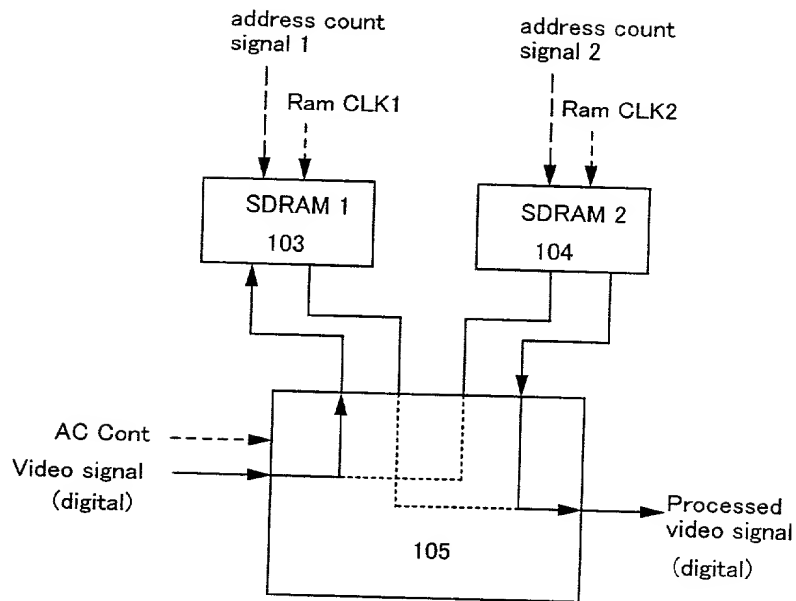


Fig. 2A

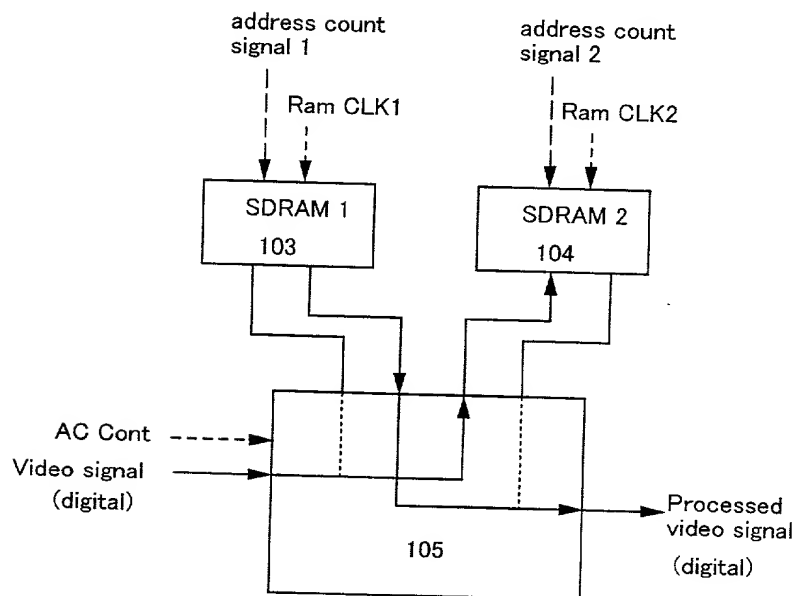


Fig. 2B

1. The first read out period (p-2) is shown in the diagram. The first read out period (p-2) is shown in the diagram. The first read out period (p-2) is shown in the diagram.

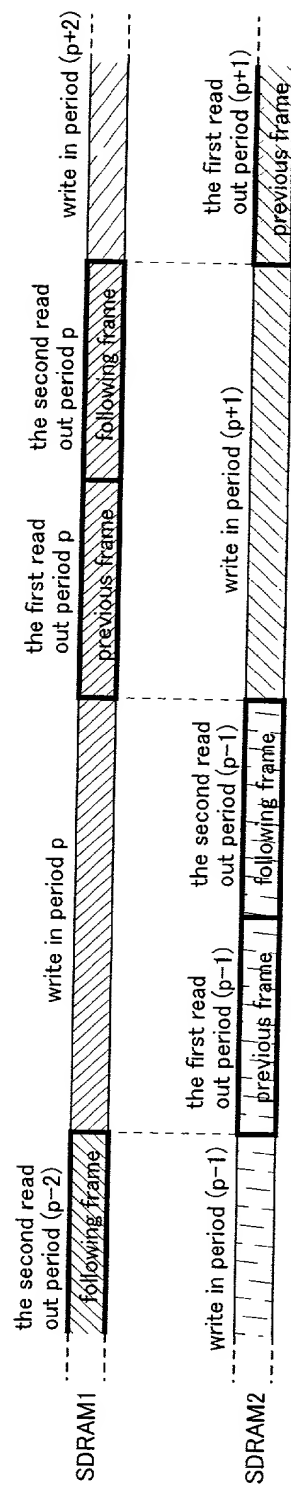


Fig. 3

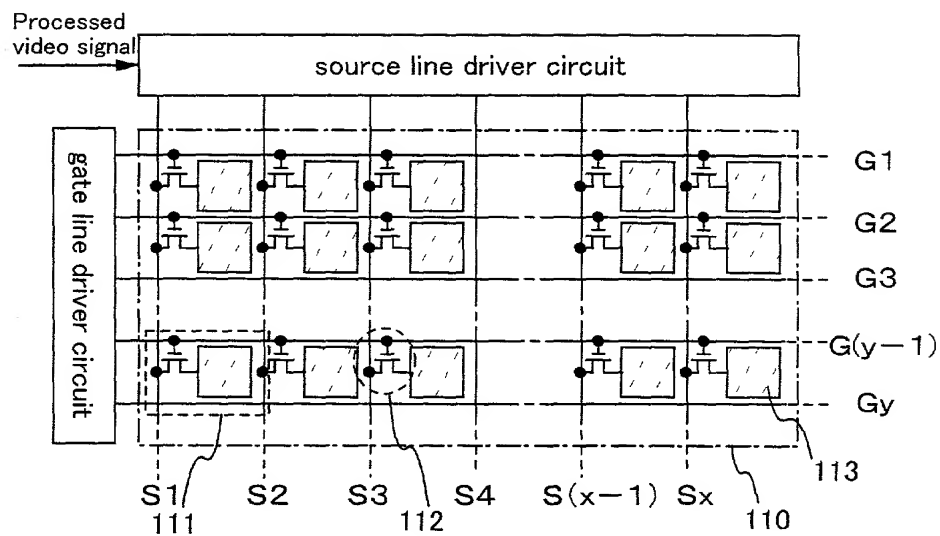


Fig. 4A

(1, 1)	(1, 2)	(1, 3)	(1, 4)	(1, 5)		(1, x)
(2, 1)	(2, 2)	(2, 3)	(2, 4)	(2, 5)		(2, x)
(3, 1)	(3, 2)	(3, 3)	(3, 4)	(3, 5)		(3, x)
(y, 1)	(y, 2)	(y, 3)	(y, 4)	(y, 5)		(y, x)

Fig. 4B

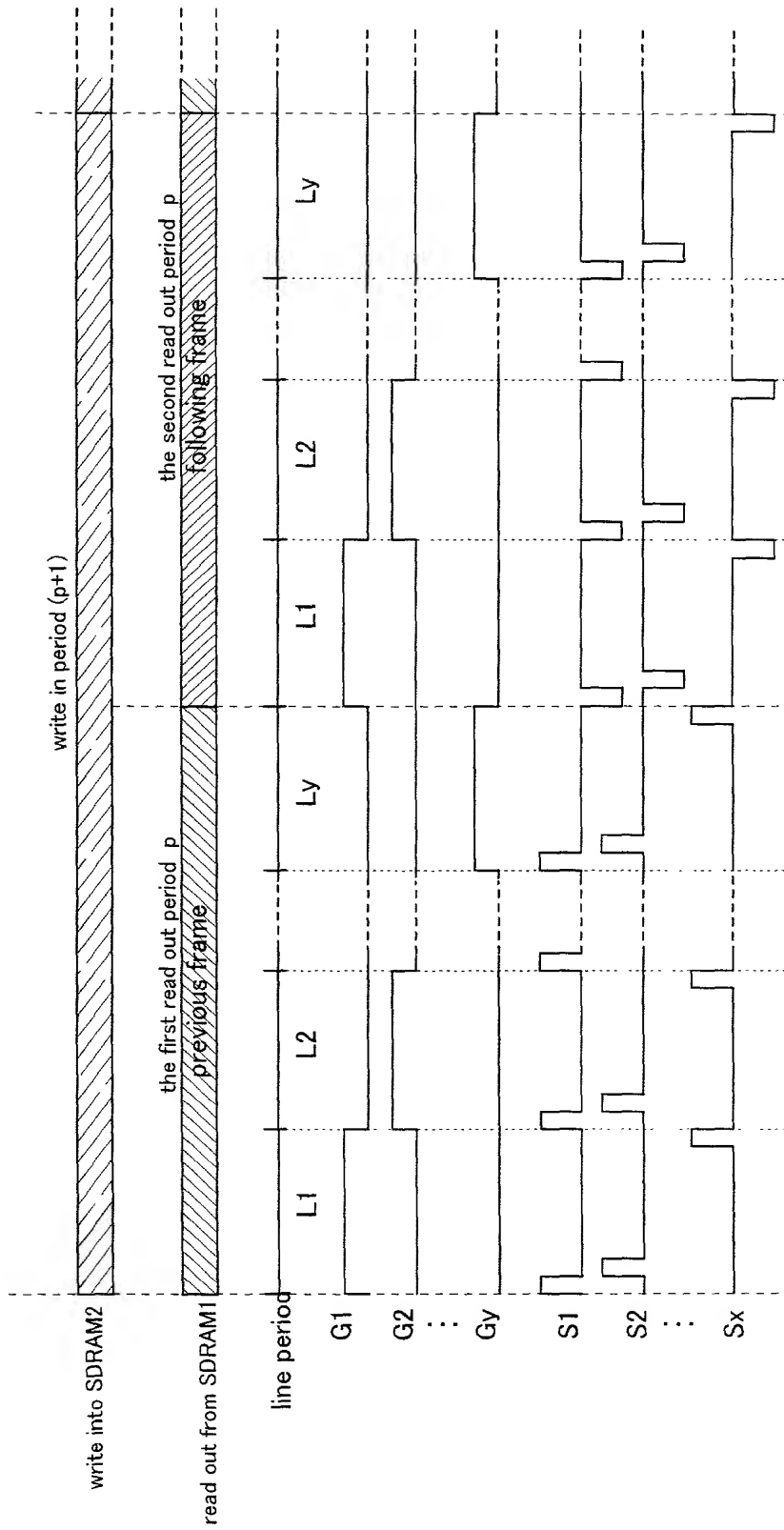


Fig. 5

	S_p	$S(p+1)$	$S(p+2)$	$S(p+3)$	$S(p+4)$	$S(p+5)$	$S(p+6)$
G_q	+	+	+	+	+	+	+
$G(q+1)$	+	+	+	+	+	+	+
the first frame period (previous frame)	$G(q+2)$	+	+	+	+	+	+
	$G(q+3)$	+	+	+	+	+	+
	$G(q+4)$	+	+	+	+	+	+

the second frame period
(following frame)

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

the third frame period
(previous frame)

+	+	+	+	+	+	+
+	+	+	+	+	+	+
+	+	+	+	+	+	+
+	+	+	+	+	+	+
+	+	+	+	+	+	+

the fourth frame period
(following frame)

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

the fifth frame period
(previous frame)

+	+	+	+	+	+	+
+	+	+	+	+	+	+
+	+	+	+	+	+	+
+	+	+	+	+	+	+
+	+	+	+	+	+	+

Fig. 6

	S_p	$S(p+1)$	$S(p+2)$	$S(p+3)$	$S(p+4)$	$S(p+5)$	$S(p+6)$
G_q	+	-	+	-	+	-	+
$G(q+1)$	+	-	+	-	+	-	+
the first frame period (previous frame)	$G(q+2)$	+	-	+	-	+	-
	$G(q+3)$	+	-	+	-	+	-
	$G(q+4)$	+	-	+	-	+	-

the second frame period
(following frame)

-	+	-	+	-	+	-
-	+	-	+	-	+	-
-	+	-	+	-	+	-
-	+	-	+	-	+	-
-	+	-	+	-	+	-

the third frame period
(previous frame)

+	-	+	-	+	-	+
+	-	+	-	+	-	+
+	-	+	-	+	-	+
+	-	+	-	+	-	+
+	-	+	-	+	-	+

the fourth frame period
(following frame)

-	+	-	+	-	+	-
-	+	-	+	-	+	-
-	+	-	+	-	+	-
-	+	-	+	-	+	-
-	+	-	+	-	+	-

the fifth frame period
(previous frame)

+	-	+	-	+	-	+
+	-	+	-	+	-	+
+	-	+	-	+	-	+
+	-	+	-	+	-	+
+	-	+	-	+	-	+

Fig. 7

the first frame period
(previous frame)

	S_p	$S(p+1)$	$S(p+2)$	$S(p+3)$	$S(p+4)$	$S(p+5)$	$S(p+6)$
G_q	+	+	+	+	+	+	+
$G(q+1)$	-	-	-	-	-	-	-
$G(q+2)$	+	+	+	+	+	+	+
$G(q+3)$	-	-	-	-	-	-	-
$G(q+4)$	+	+	+	+	+	+	+

the second frame period
(following frame)

-	-	-	-	-	-	-
+	+	+	+	+	+	+
-	-	-	-	-	-	-
+	+	+	+	+	+	+
-	-	-	-	-	-	-

the third frame period
(previous frame)

+	+	+	+	+	+	+
-	-	-	-	-	-	-
+	+	+	+	+	+	+
-	-	-	-	-	-	-
+	+	+	+	+	+	+

the fourth frame period
(following frame)

-	-	-	-	-	-	-
+	+	+	+	+	+	+
-	-	-	-	-	-	-
+	+	+	+	+	+	+
-	-	-	-	-	-	-

the fifth frame period
(previous frame)

+	+	+	+	+	+	+
-	-	-	-	-	-	-
+	+	+	+	+	+	+
-	-	-	-	-	-	-
+	+	+	+	+	+	+

Fig. 8

	S_p	$S(p+1)$	$S(p+2)$	$S(p+3)$	$S(p+4)$	$S(p+5)$	$S(p+6)$
G_q	+	-	+	-	+	-	+
$G(q+1)$	-	+	-	+	-	+	-
$G(q+2)$	+	-	+	-	+	-	+
$G(q+3)$	-	+	-	+	-	+	-
$G(q+4)$	+	-	+	-	+	-	+

the first frame period
(previous frame)

-	+	-	+	-	+	-
+	-	+	-	+	-	+
-	+	-	+	-	+	-
+	-	+	-	+	-	+
-	+	-	+	-	+	-

the second frame period
(following frame)

+	-	+	-	+	-	+
-	+	-	+	-	+	-
+	-	+	-	+	-	+
-	+	-	+	-	+	-
+	-	+	-	+	-	+

the third frame period
(previous frame)

-	+	-	+	-	+	-
+	-	+	-	+	-	+
-	+	-	+	-	+	-
+	-	+	-	+	-	+
-	+	-	+	-	+	-

the fourth frame period
(following frame)

+	-	+	-	+	-	+
-	+	-	+	-	+	-
+	-	+	-	+	-	+
-	+	-	+	-	+	-
+	-	+	-	+	-	+

the fifth frame period
(previous frame)

Fig. 9

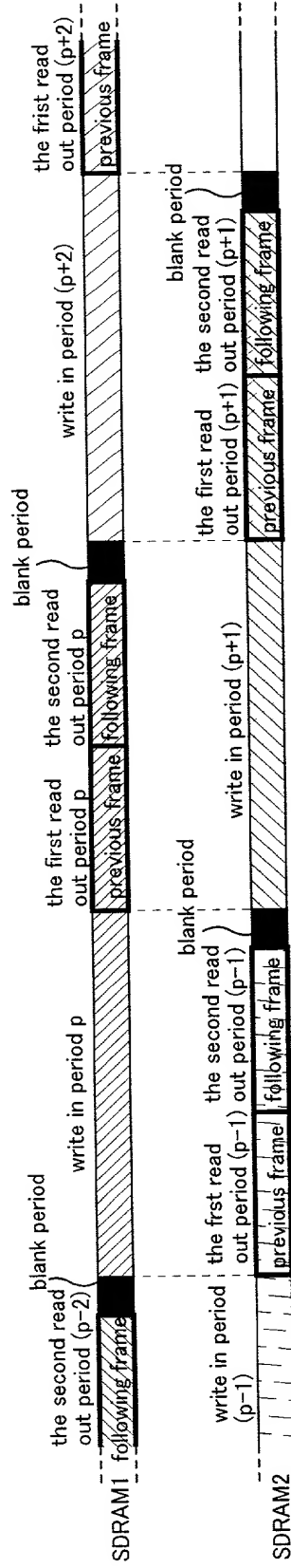


Fig. 10

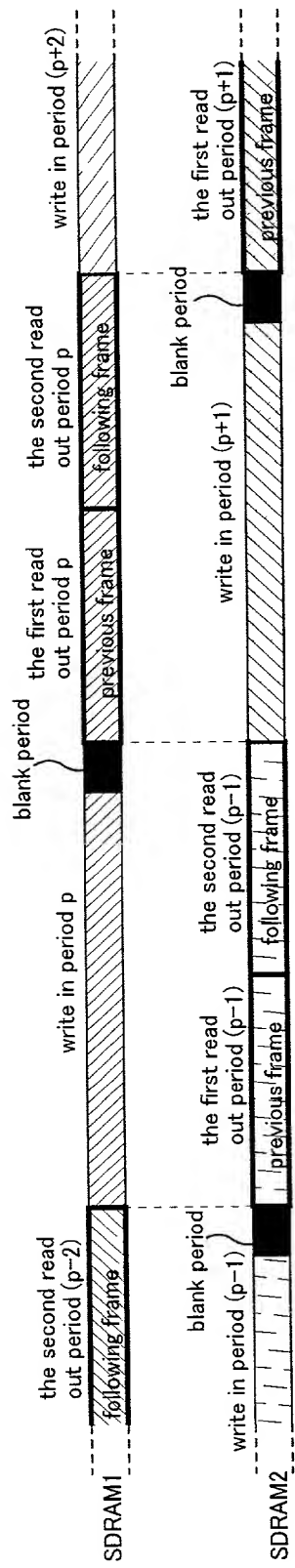


Fig. 11

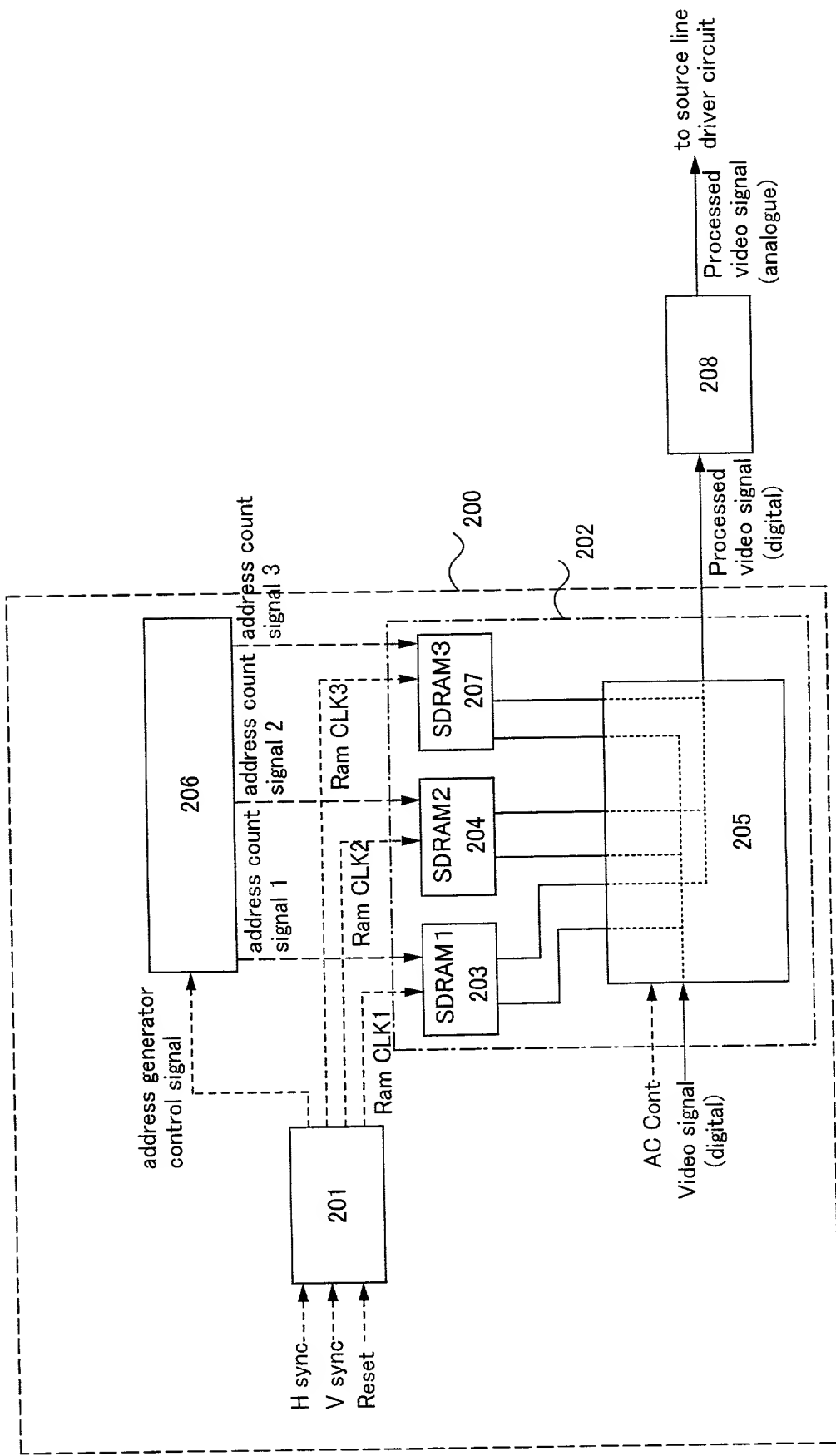


Fig. 12

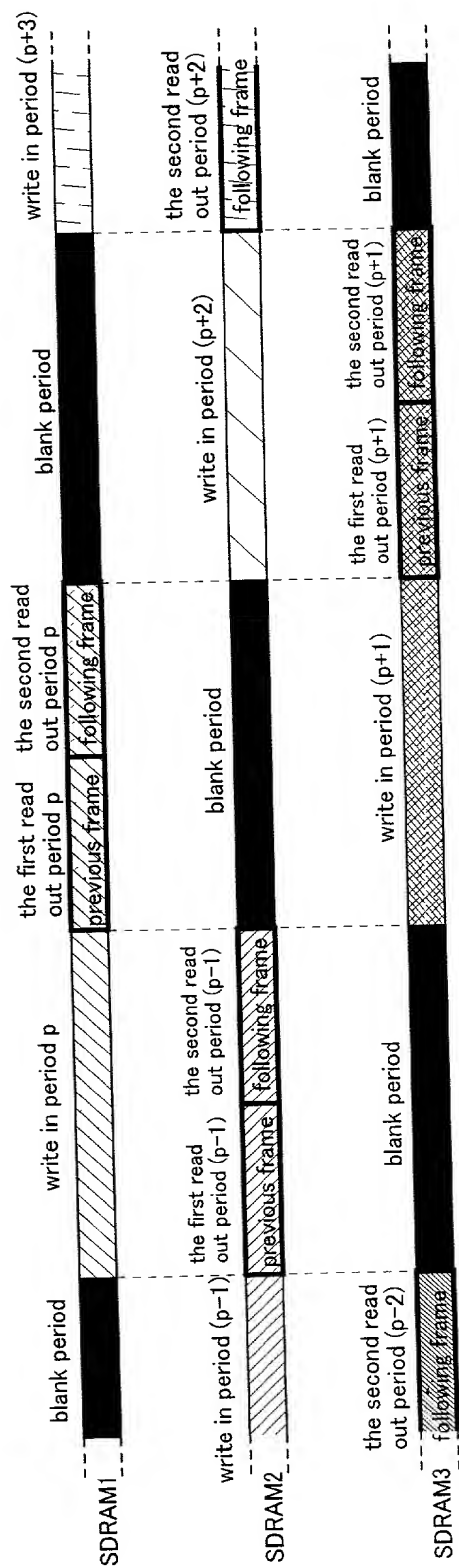


Fig. 13

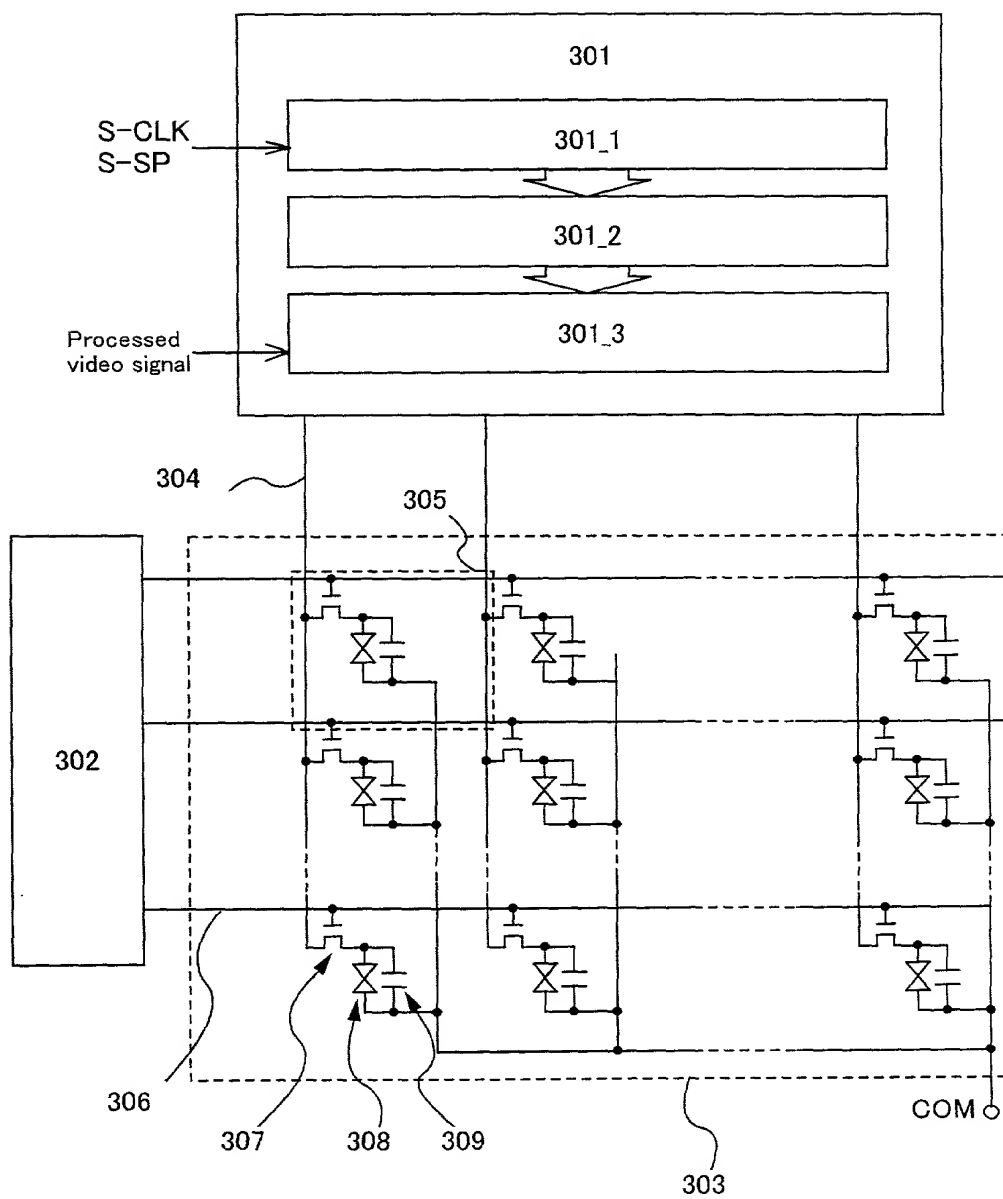


Fig. 14

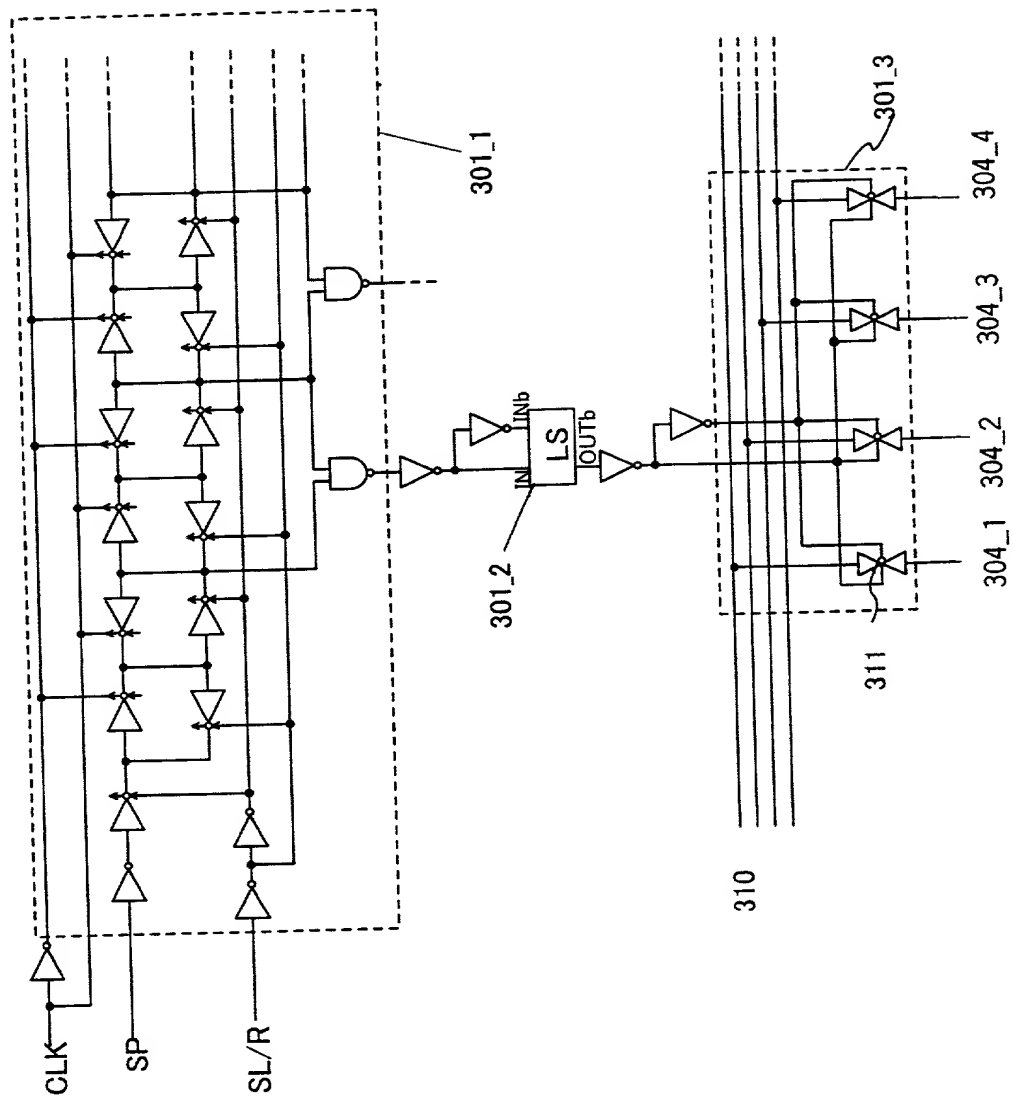


Fig. 15

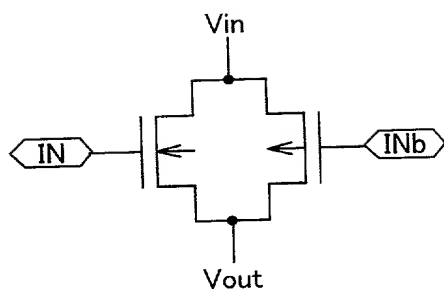


Fig. 16A

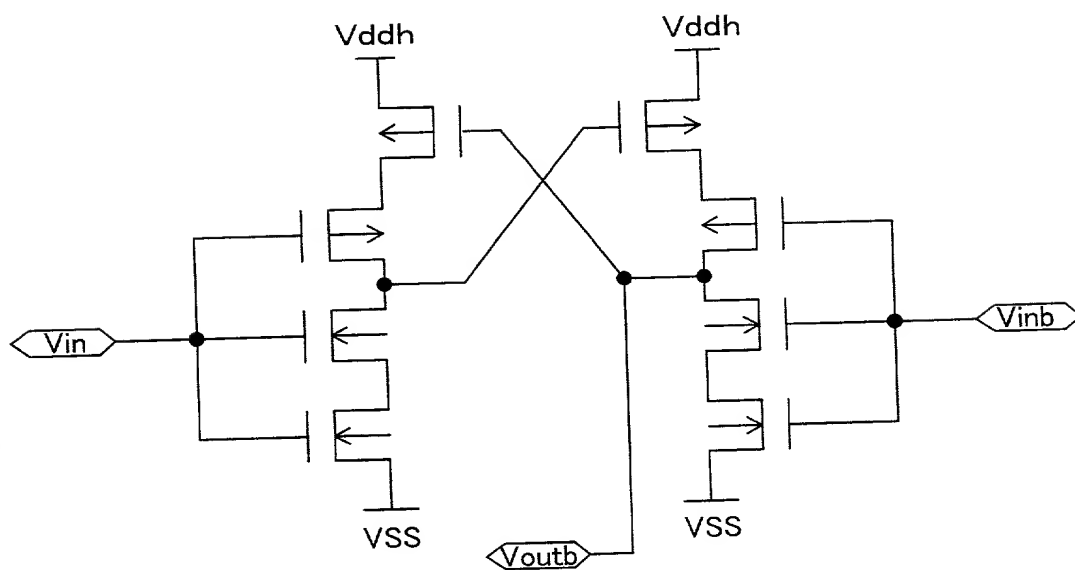


Fig. 16B

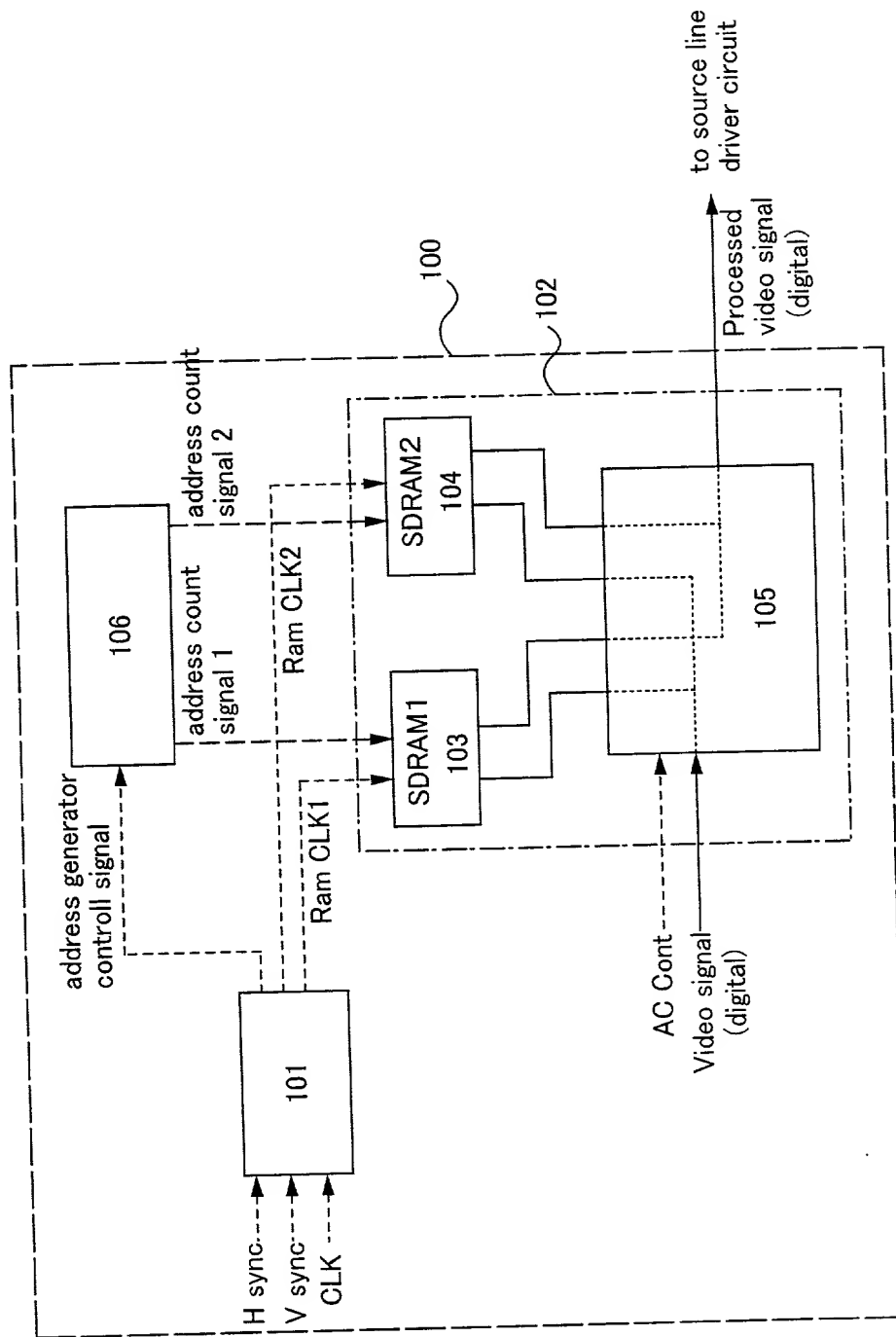


Fig. 17

FIG. 18 is a block diagram of a video signal processing circuit. The circuit includes a processed video signal input 402, a LAT1 block 403, a LAT2 block 404, a D/A block 407, and a gate signal line driver circuit 409. The circuit is connected to a gate signal line driver circuit 409, which provides gate signals to the LAT1 and LAT2 blocks. The output of the LAT1 and LAT2 blocks is connected to a D/A block 407, which outputs a video signal. The circuit is also connected to a gate signal line driver circuit 409, which provides gate signals to the LAT1 and LAT2 blocks. The output of the LAT1 and LAT2 blocks is connected to a D/A block 407, which outputs a video signal.

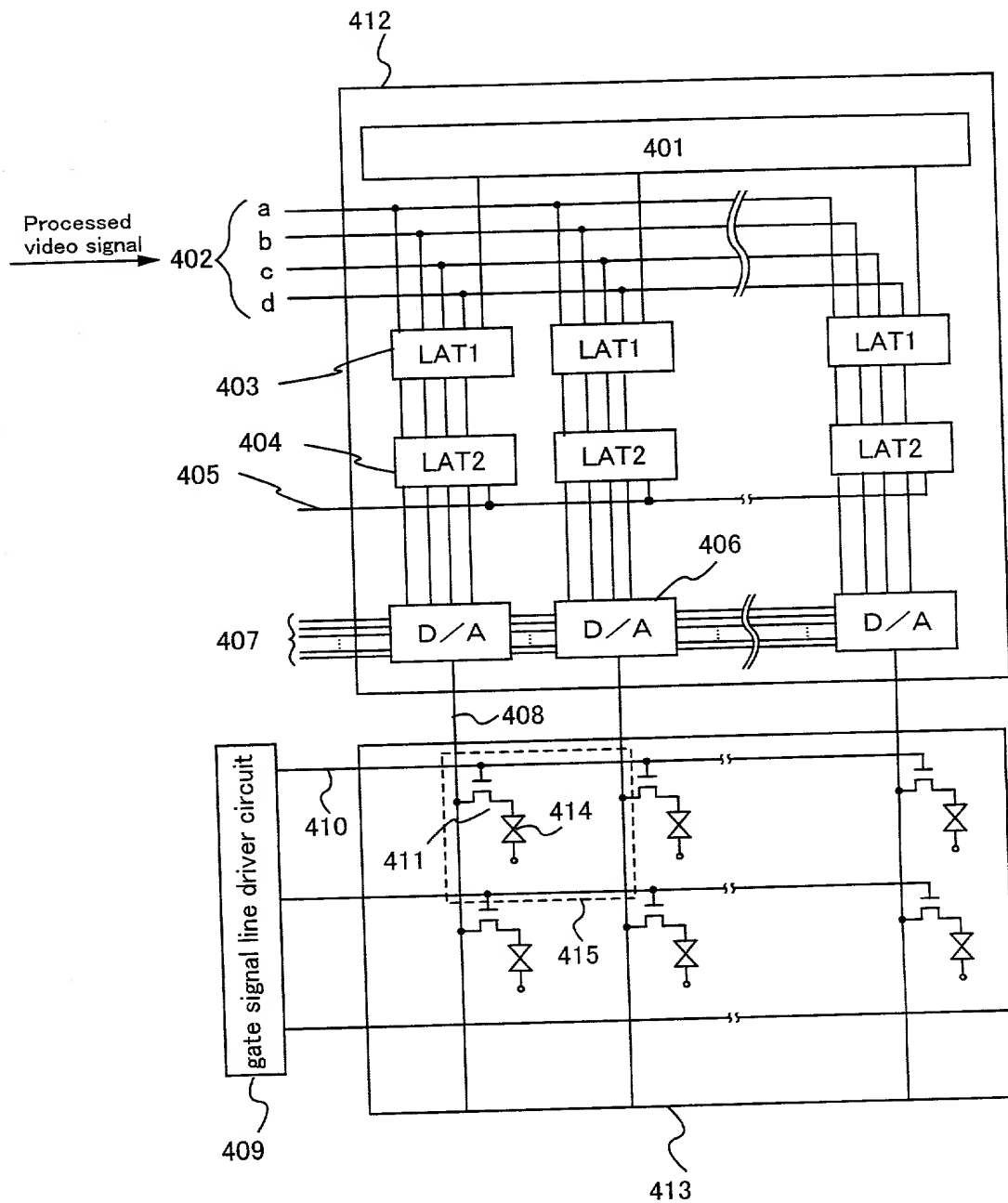
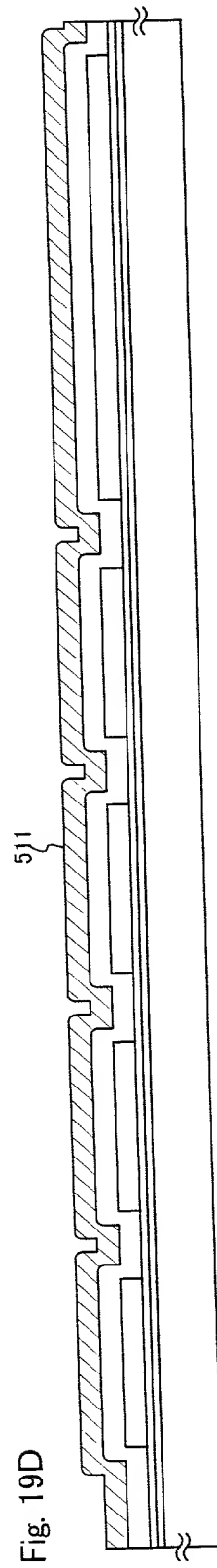
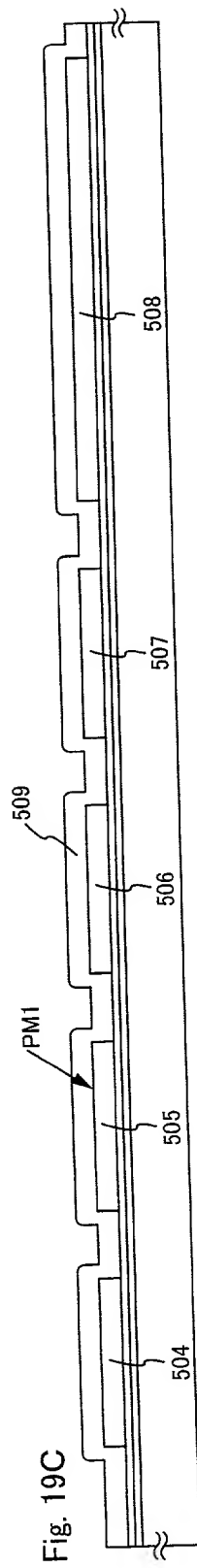
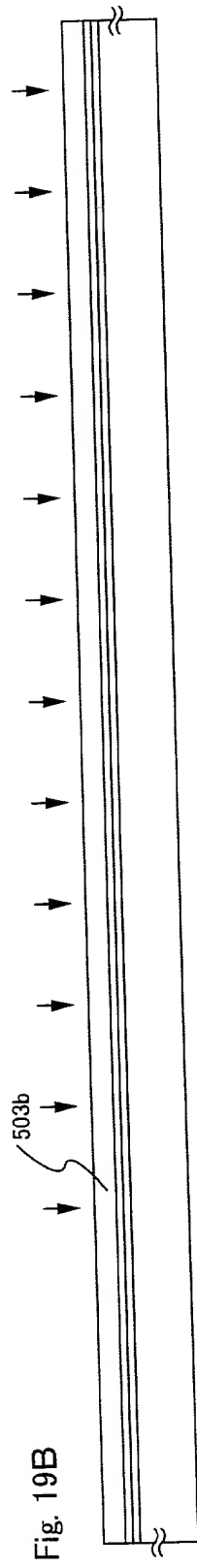
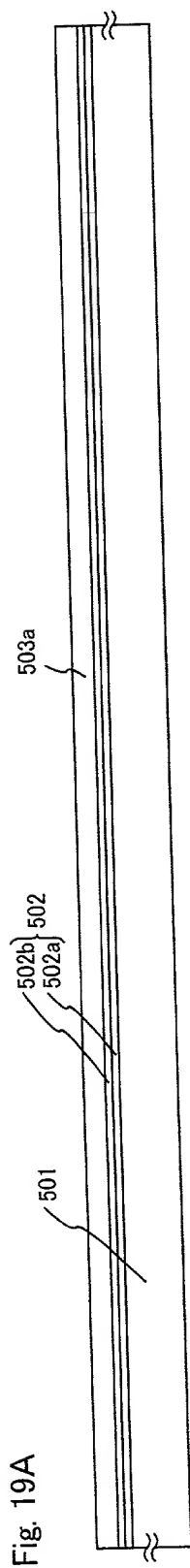


Fig. 18



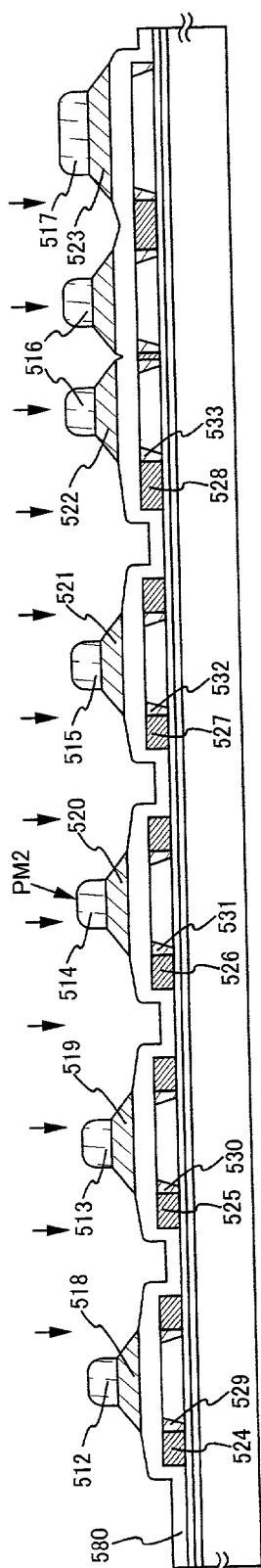


Fig. 20A

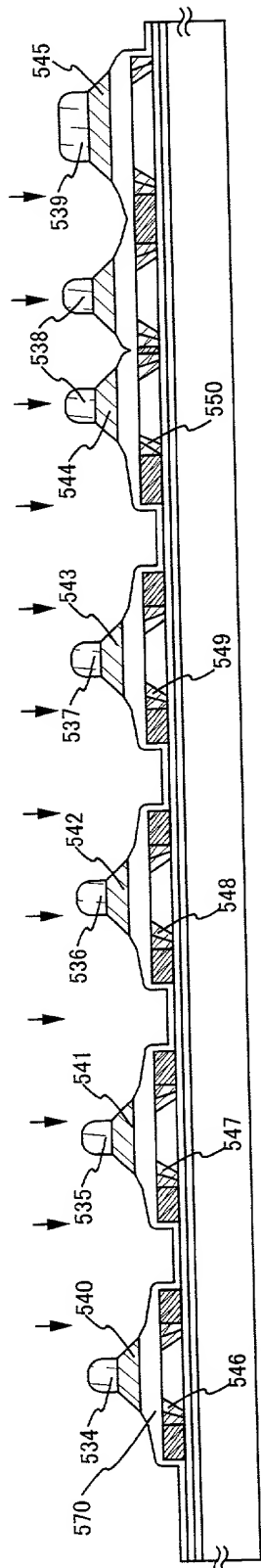


Fig. 20B

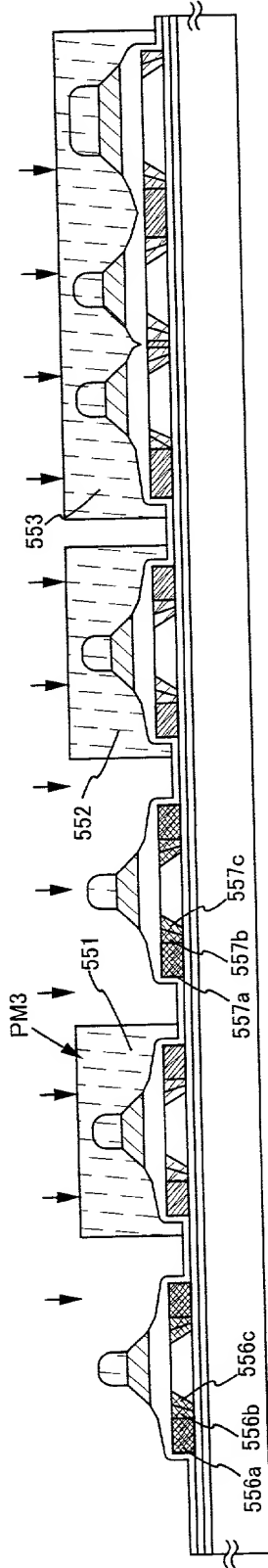


Fig. 20C

Fig. 21A

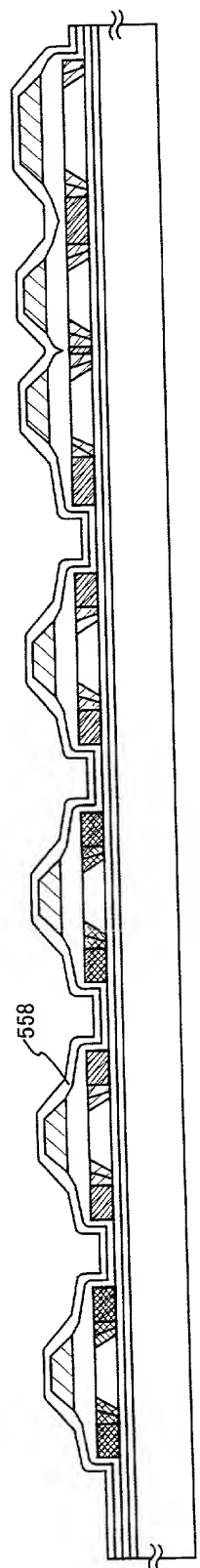
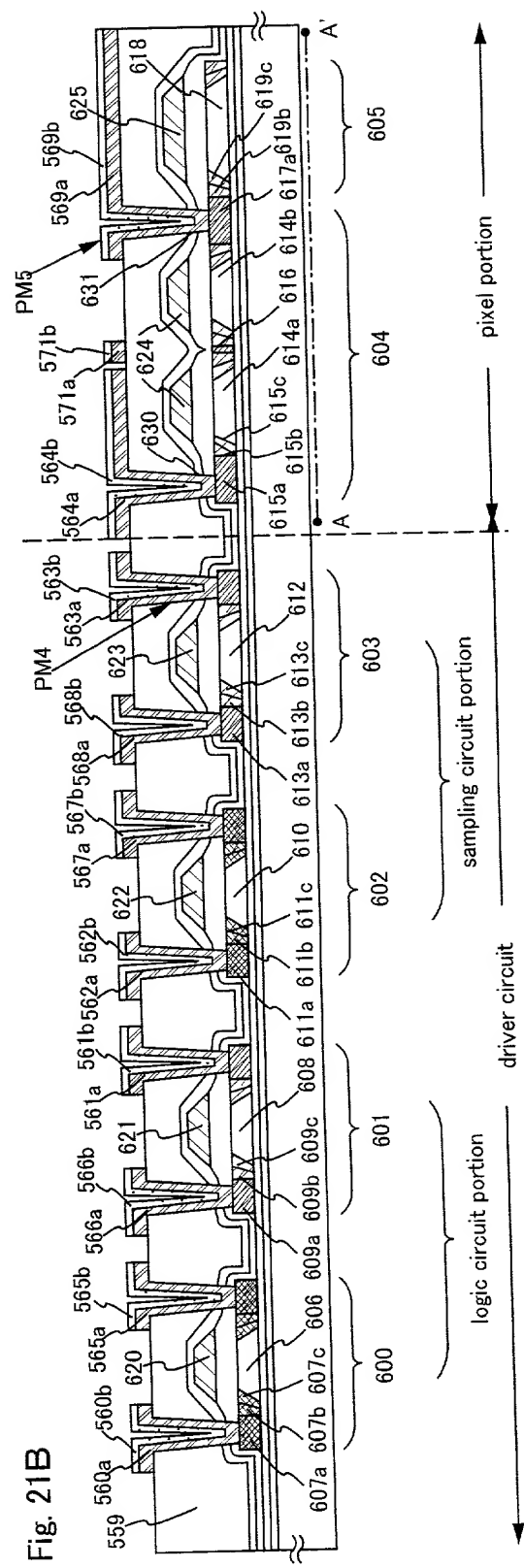


Fig. 21B



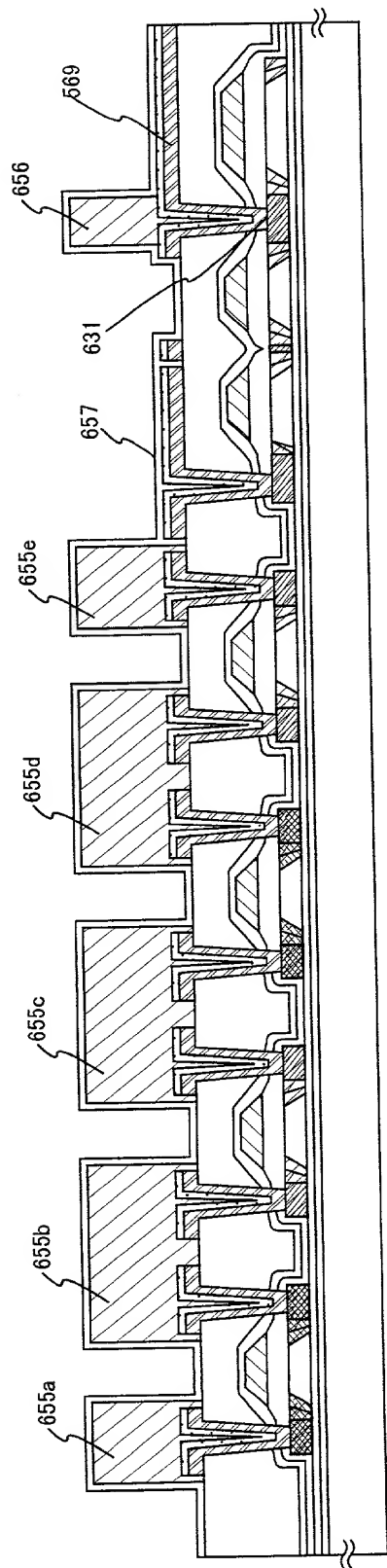


Fig. 22A

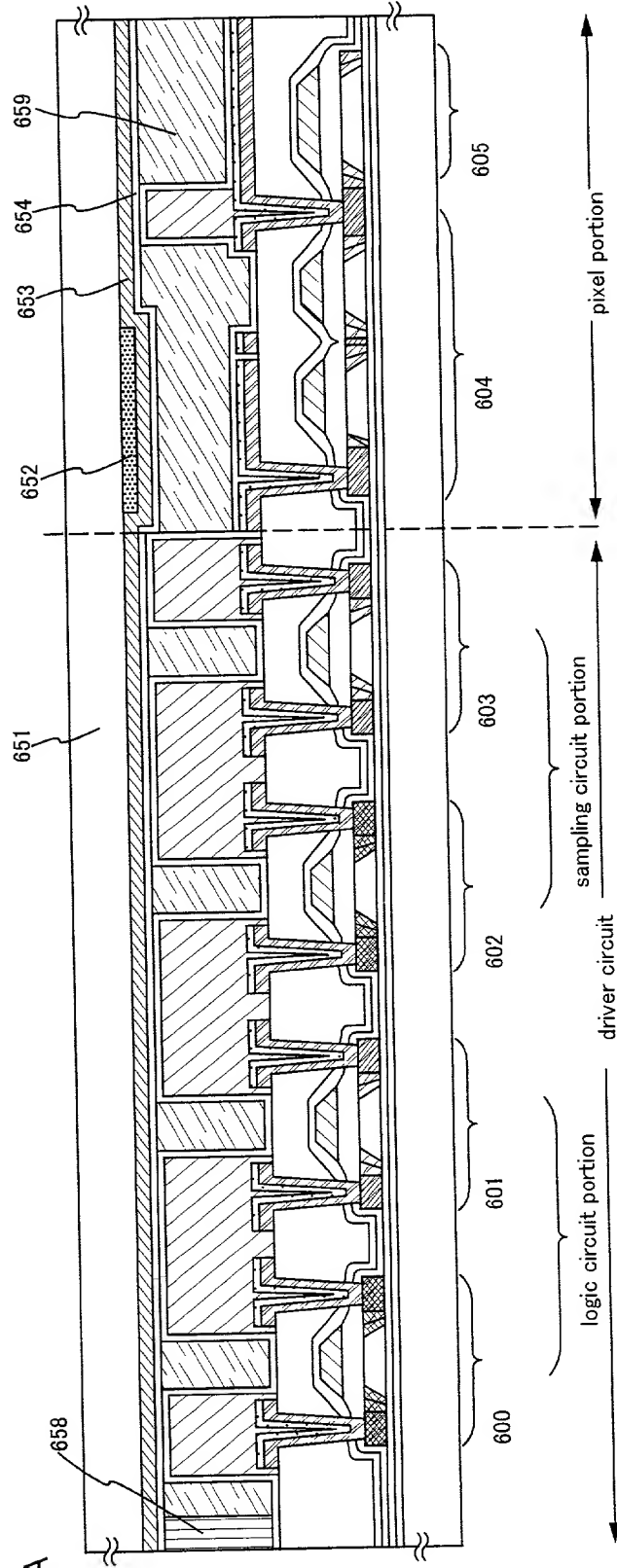


Fig. 22B

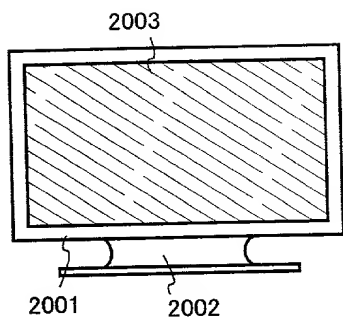


Fig. 23A

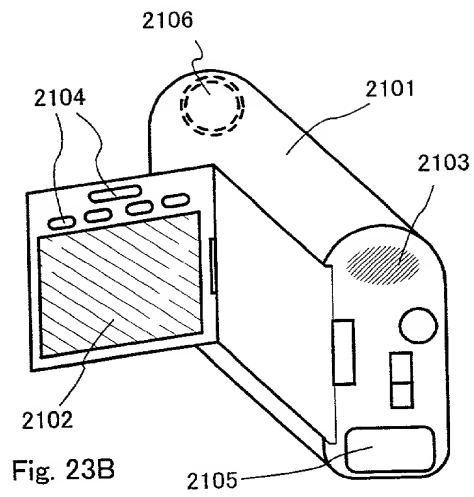


Fig. 23B

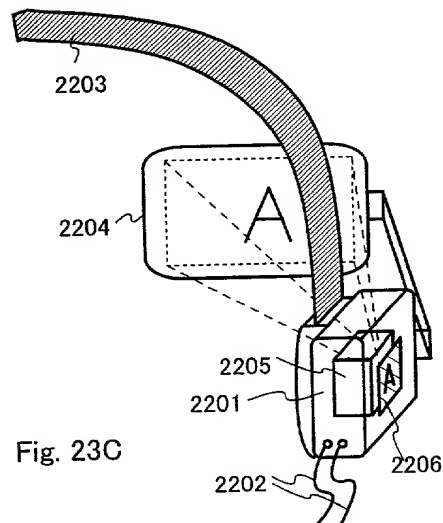


Fig. 23C

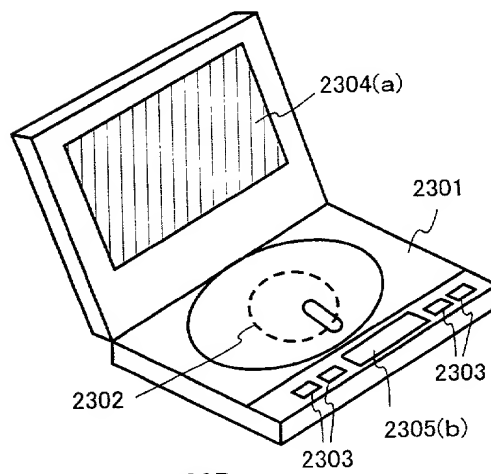


Fig. 23D

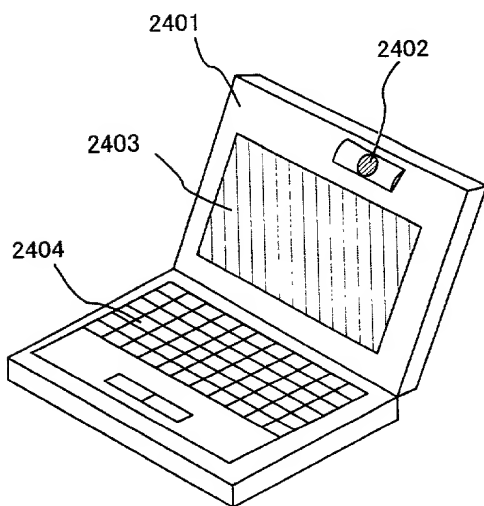


Fig. 23E

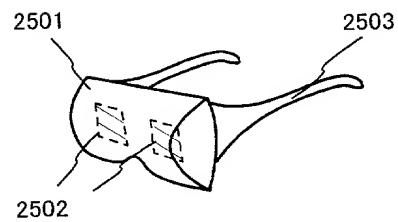


Fig. 23F

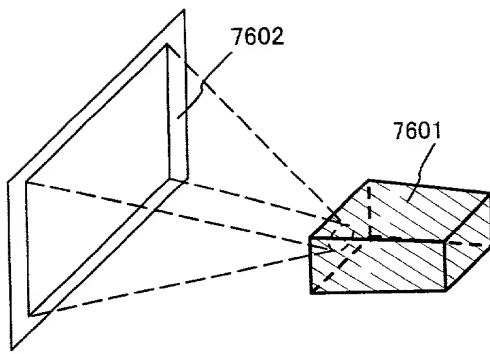


Fig. 24A

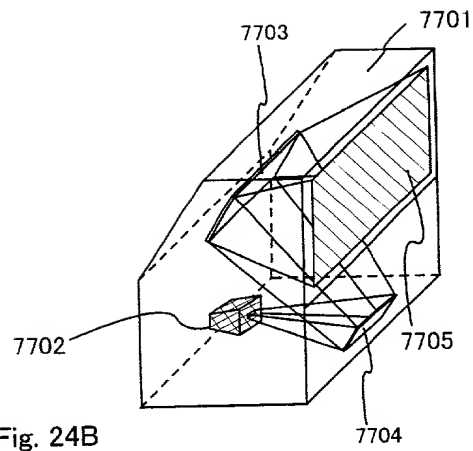


Fig. 24B

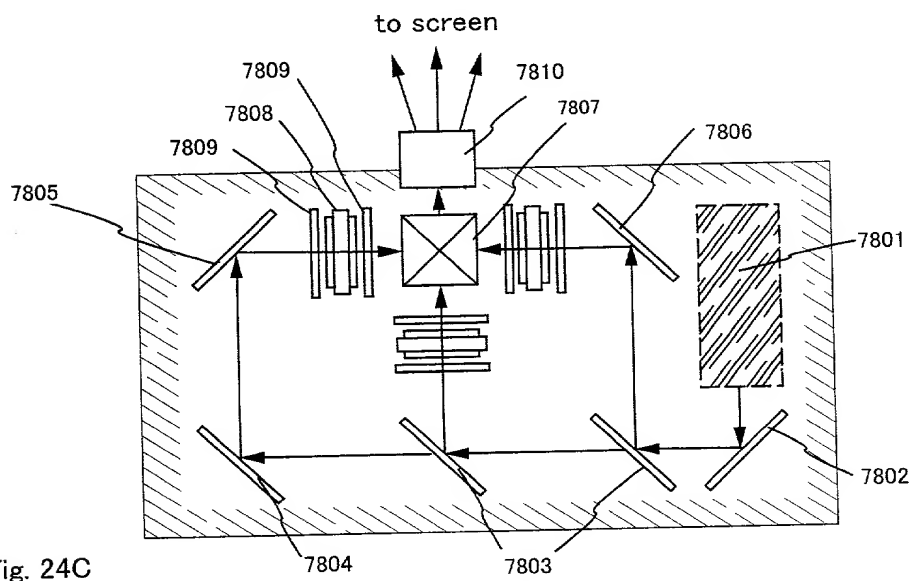


Fig. 24C

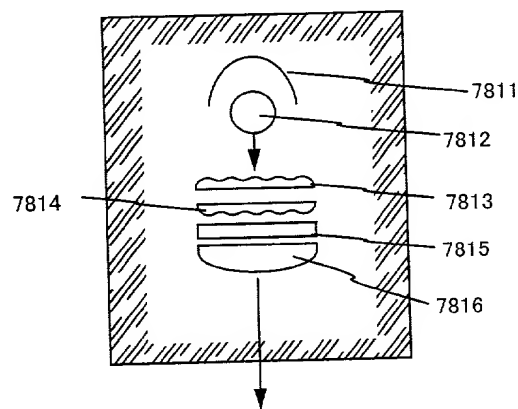


Fig. 24D

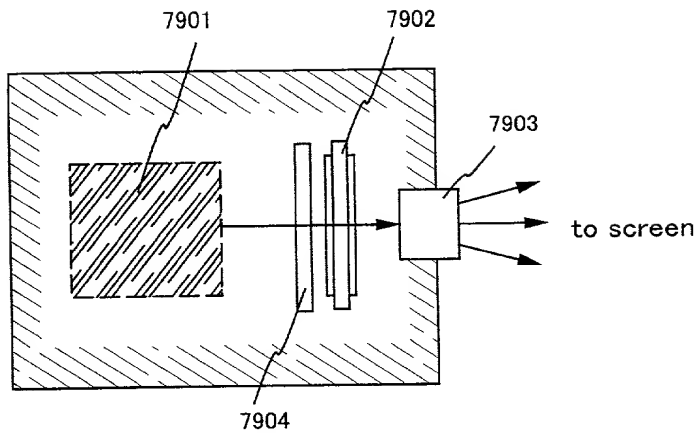


Fig. 25A

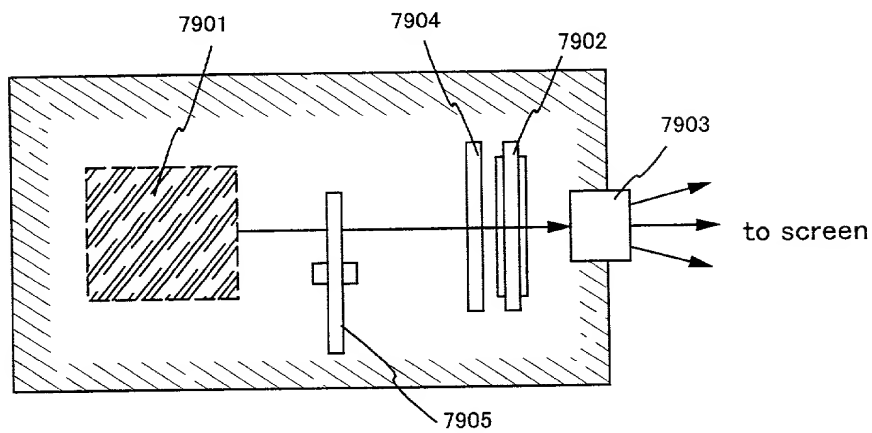


Fig. 25B

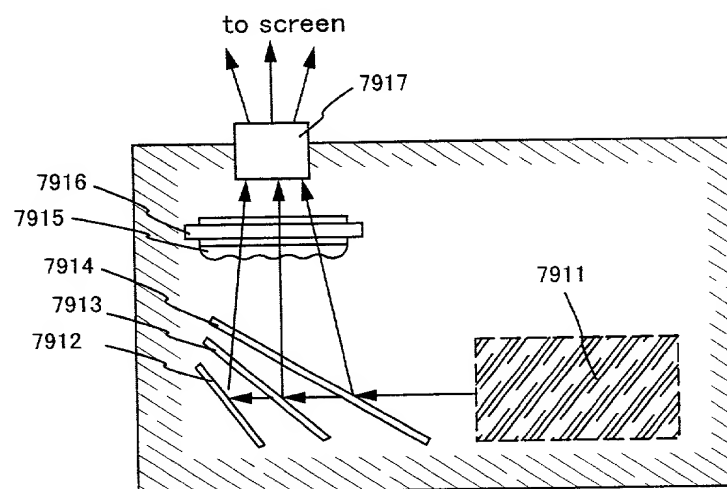


Fig. 25C

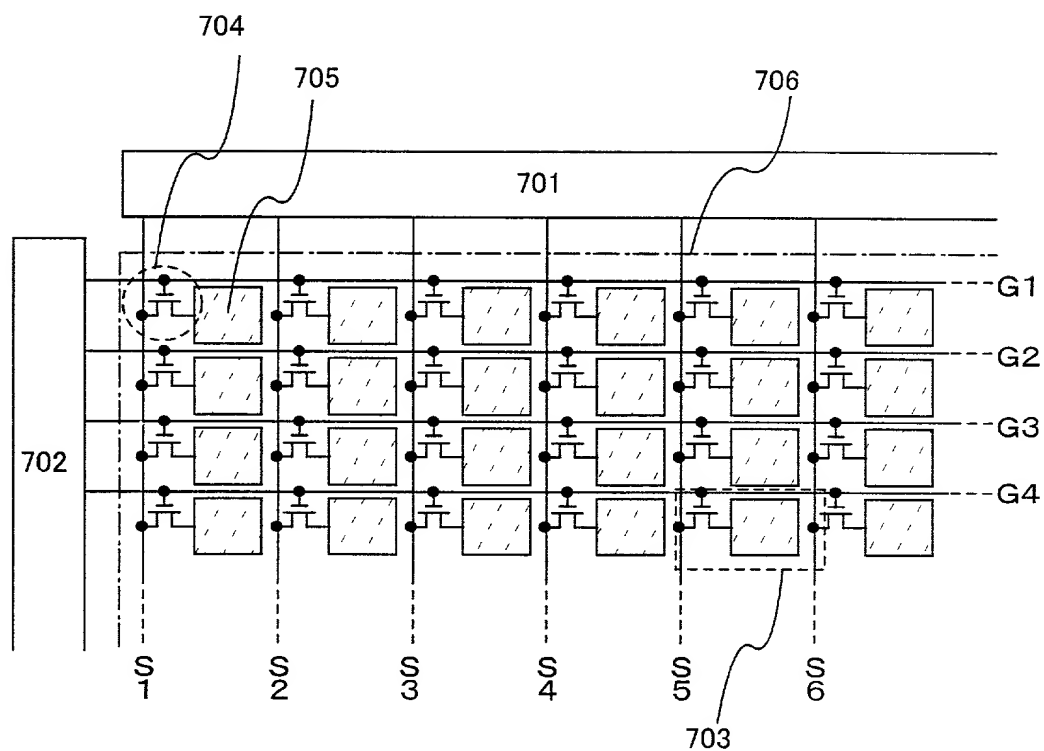


Fig. 26A

(1, 1)	(1, 2)	(1, 3)	(1, 4)	(1, 5)	(1, 6)
(2, 1)	(2, 2)	(2, 3)	(2, 4)	(2, 5)	(2, 6)
(3, 1)	(3, 2)	(3, 3)	(3, 4)	(3, 5)	(3, 6)
(4, 1)	(4, 2)	(4, 3)	(4, 4)	(4, 5)	(4, 6)

Fig. 26B

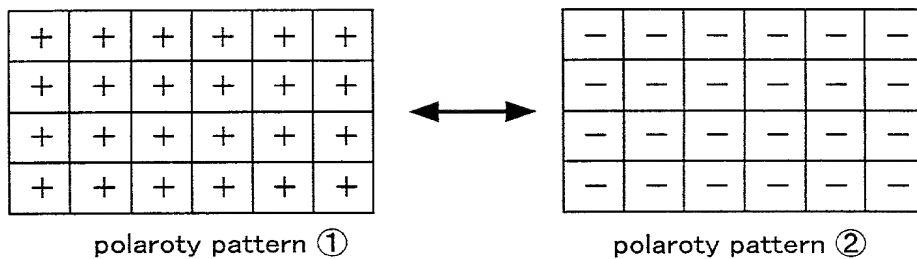


Fig. 27A

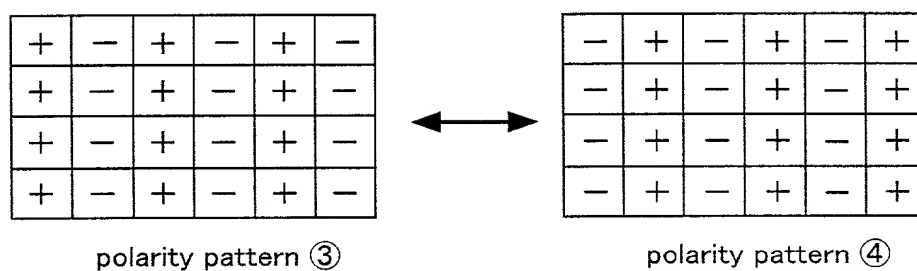


Fig. 27B

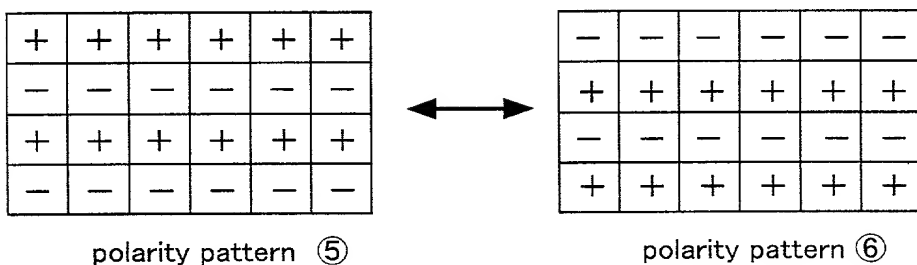


Fig. 27C

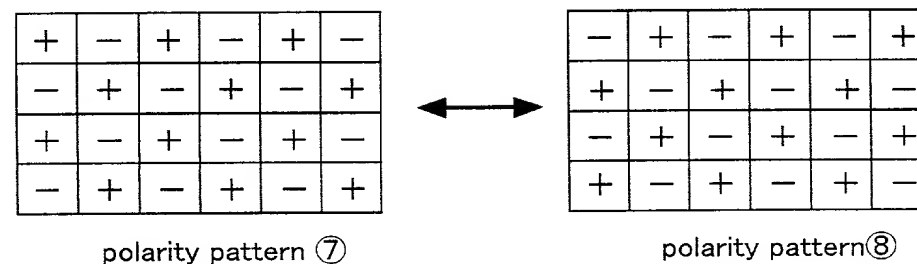


Fig. 27D

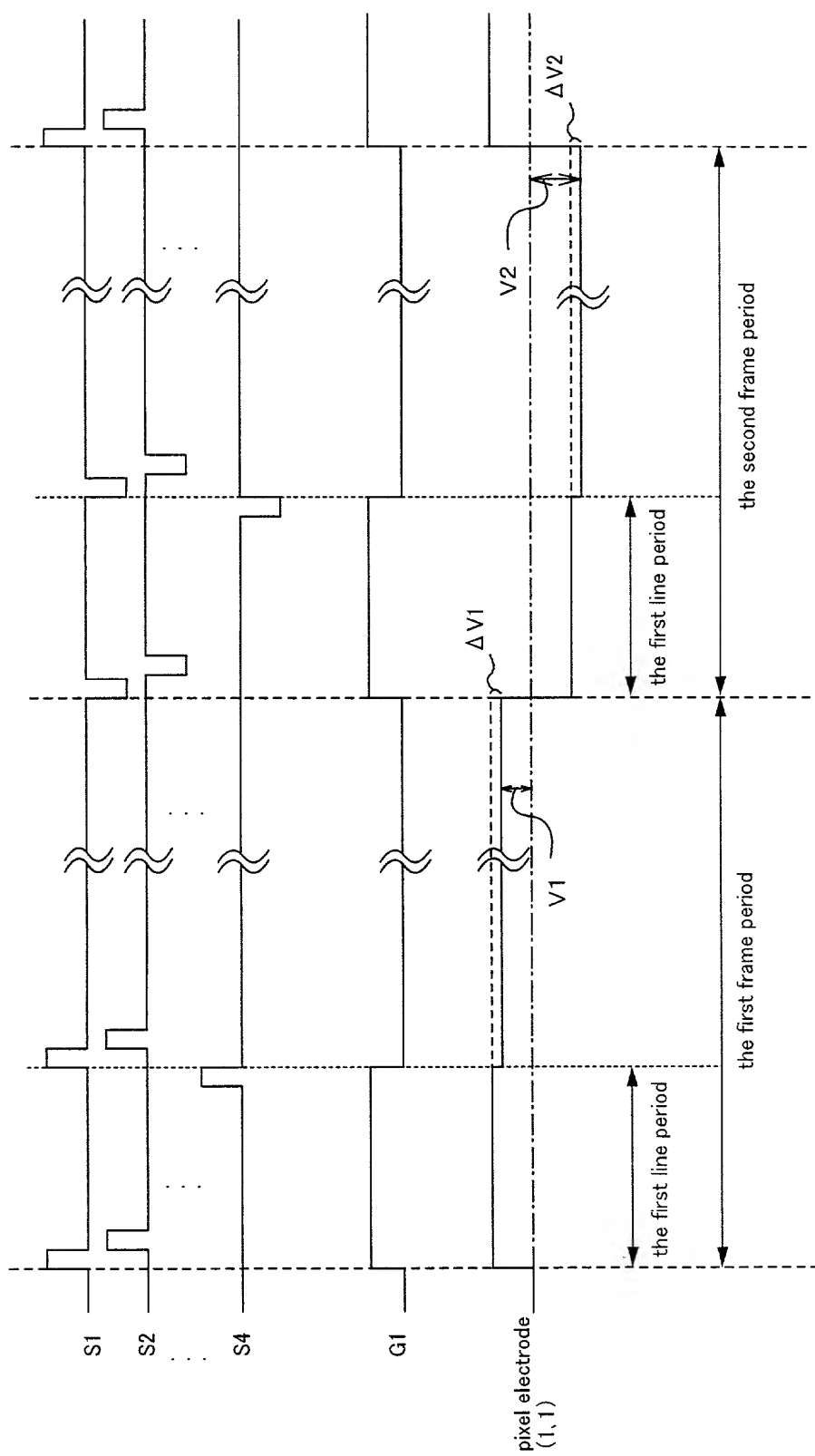


Fig. 28